

DPM 5065
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Material Safety Data Sheet

NUMBER

492

(Approved by U.S. Department of Labor as "essentially similar" to Form LSB-OOS-4)

SECTION I IDENTIFICATION OF PRODUCT	
MANUFACTURER'S NAME	AMERICAN CYANAMID COMPANY
EMERGENCY TELEPHONE NO. (201) 835-3100	
ADDRESS	Old Post Road, Havre de Grace, Maryland 21078
TRADE NAME AND SYNONYMS	HT*-424 Foam, Type I, Part B
CHEMICAL NAME AND SYNONYMS	Mixture of epoxy resin and aluminum powder
CHEMICAL FAMILY	Not applicable
MOLECULAR FORMULA	Not applicable

SECTION II HAZARDOUS COMPONENTS OF MIXTURES		
COMPONENT	%	THRESHOLD LIMIT VALUE (UNITS)
Acetone	5	1000 parts per million

SECTION III PHYSICAL DATA	
APPEARANCE AND ODOR	Grayish paste; odor of acetone.
BOILING POINT (DEGREES FAHRENHEIT)	Not applicable
SPECIFIC GRAVITY (WATER = 1)	About 1.7
VAPOR PRESSURE (MM. OF MERCURY)	Not applicable
PERCENT VOLATILE (BY VOLUME)	About 5 (by weight)
VAPOR DENSITY (AIR = 1)	Not applicable
EVAPORATION RATE (BUTYL ACETATE = 1)	Not applicable
SOLUBILITY IN WATER	Moderate
EVAPORATION RATE (ETHYL ETHER = 1)	Not applicable

SECTION IV FIRE AND EXPLOSION HAZARD DATA	
FLASH POINT (SPECIFY METHOD) (DEGREES FAHRENHEIT)	81 Closed Cup
FLAMMABLE LIMITS (PERCENT BY VOLUME)	LOWER UPPER Not available
FIRE-EXTINGUISHING MEDIA	"Alcohol" foam, CO ₂ , or dry chemical. Water spray may be ineffective.
SPECIAL FIRE-FIGHTING PROCEDURES	Use water-spray to keep containers cool.
UNUSUAL FIRE AND EXPLOSION HAZARDS	None

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READ THE BACK

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SECTION V HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Section II

EFFECTS OF OVEREXPOSURE

Prolonged or repeated contact may cause skin irritation.

EMERGENCY AND FIRST AID PROCEDURES

In case of contact, immediately wash skin with soap and plenty of water.

SECTION VI REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID None
	STABLE	X	
INCOMPATIBILITY (Materials to avoid) No specific incompatibility.			
HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition may produce carbon monoxide and/or carbon dioxide.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID None
	WILL NOT OCCUR	X	

SECTION VII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Wear appropriate protective equipment and clothing. Remove sources of ignition. Cover with some inert absorbent material; sweep up and place in a waste disposal container. Flush area with water.

WASTE DISPOSAL METHOD

Disposal must be made in accordance with federal, state and local regulations.

SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) The need for respiratory protection should be determined by an industrial hygiene evaluation. If concentration exceeds the OSHA permissible level, wear respiratory protection approved by NIOSH appropriate to the degree of exposure.

Protection approved by NIOSH appropriate to the degree of exposure.			
VENTILATION	LOCAL EXHAUST Preferable	SPECIAL	None
	MECHANICAL (General) Acceptable	OTHER	None
PROTECTIVE GLOVES Rubber or plastic		EYE PROTECTION Splashproof goggles	
OTHER PROTECTIVE EQUIPMENT		None	

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Precautions for a Class IC flammable liquid.

OTHER PRECAUTIONS

None

SECTION X DATE AND SOURCE OF INFORMATION

DATE	Revised January 30, 1977	NAME AND TITLE	C. Boyd Shaffer, Ph.D. Director of Toxicology	SHEET NUMBER	492
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